

Aaron Industries AVPS M 100-2 Virgin Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Molded, Unreinforced

Material Notes:

Melt flow index may be specified.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aaron-Industries-AVPS-M-100-2-Virgin-Polystyrene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955
Melt Flow	4.0 - 12 g/10 min @Load 5.00 kg, Temperature 200 °C	4.0 - 12 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	39.3 MPa	5700 psi	ASTM D638
Flexural Modulus	2.65 GPa	385 ksi	ASTM D790
Izod Impact, Notched	0.587 - 0.801 J/cm	1.10 - 1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 °C	226 °F	ASTM D648

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